

ALABAMA DEPARTMENT OF TRANSPORTATION

THE HOT WATER BATH SHALL BE IN COMPLIANCE WITH AASHTO T 245

56l (14.8 gal) type 304 stainless steel water bath shall be minimum 152.4 mm (6 in.) deep and shall be thermostatically temperature controlled so as to maintain the bath at $60 \pm 1^{\circ}\text{C}$ ($140 \pm 2^{\circ}\text{F}$). The tank shall have a perforated false bottom or be equipped with a shelf for supporting specimens 50.8 mm (2 in) above the bottom of the bath.

Water bath must have digital temperature display, mounting clip for immersion glass thermometer, reversible stainless-steel rack and temperature probe.

Additional features: must have a built-in drain with on/off valve (outlet) and gable cover (cover to water bath).

Dimensions should be around

Reservoir l x w x d: 20 x 18 x 9.5 in. (51 x 46 x 24cm).

Overall l x w x h: 30 x 20 x 14.5 in. (76 x 51 x 37cm).

Temperature range: from 5°C above ambient to $+100^{\circ}\text{C}$, uniformity $\pm 0.1^{\circ}\text{C}$.

Electrical requirements:

10 feet power cord with plug, 120 volts, 21 amps, phase 1, 2.49 kW, Hz 50/60 & maximum temperature 100°C .